INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21478

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61K 49/00; C07K 14/47; C07D 421/02, 417/02, 413/02, 403/02 US CL : 424/9.6; 530/400, 402, 409; 548/156, 121, 219, 305.7, 455 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/9.6; 530/400, 402, 409; 548/156,121,219, 305.7, 455			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Х	US 2001/0055567 A1 (LICHA et al) 27 December 2001 (27.12.2001) Examples 1-3		1-6, 12-34
Ÿ			7-9
Y	JP 200189190 A (OBA et al) 11 July 2000 (11.07.2000) JPAB Abstract		7-9
x	X US 5,607,764 A (KOPIA et al.) 16 September 1997 (16. 09.1997) Example 6		1-6, 12-34
<u>-</u> Y	Y		7-9
Y	US 5,453,505 A (LEE et al) 26 September 1995 (26.09.1995) Table 1		1-9, 12-34
Y	Y US 5,627,036 A (REUTELINGSPERGER) 66 May 1997 (06.05.1997) Column10, lines 45-62		7-9
Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of cited documents:			
"A" document defining the general state of the art which is not considered to be of particular relevance		principle or theory underlying the invent. "X" document of particular relevance; the	ention
"E" earlier application or patent published on or after the international filing date		considered novel or cannot be considered when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
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priority (nt published prior to the international filing date but later than the	"&" document member of the same patent Date of mailing of the international sear	·
Date of the actual completion of the international search		01 DFC 2009	
14 October 2003 (14.10.2003)		Authorized officer	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Brends Brumback Bol Harriff	
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